

# Kota Soda

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## Education

### Brown University—Providence, Rhode Island

Sept 2019-Current

*Bachelor of Science, Applied Mathematics & Computer Science* (Expected Graduation: May 2023)

Relevant Coursework: *Management of Industrial and Nonprofit Organizations, Linear Algebra, Computer Science: An Integrated Introduction, Intermediate Macroeconomics, Managerial Decision Making, Introduction to Discrete Structures & Probability, Machine Learning (Coursera)*

## Skills

**Languages/Frameworks/Tools:** Java, Scala, ReasonML, Python, HTML, CSS, JavaScript, React.js, MATLAB

## Experience

### Consulting & Research Intern

Dec 2019-Current

*Big Picture International, Tokyo, Japan*

- Created weekly sales reports for clients and identified trends from marketing data. Used technical expertise to automate 500+ hours of spreadsheet work using Python.

### Web Development Intern

July 2020-Current

*AmginE LLC, U4Ea, Los Angeles, CA*

- Integrated a digital sound healing iOS app onto the company's website platform.

### Frontend Developer

February 2020-Current

*Full Stack at Brown, Providence, RI*

- Designed and created static websites and web apps for on campus clients from extracurricular clubs to the Brown University administration.

### Project Lead

February 2020-Current

*Brown Consulting Club, Providence, RI*

- Provided management consulting to startups in the Boston area. Compiled recommendation deliverables based on best practices research to clients at the end of each project.

## Projects

### Event and Ticket Management Webapp

Summer 2020

Created an event and ticket management system using MongoDB, Express.js, React.js, and Node.js. Users are able to login, sign up for events, and event details for upcoming events. If a user decides to Host an event, they are able to add a new event listing and edit it.

### University Forum Site

Summer 2020

Developed the frontend of a forum website that functions similarly to Reddit using handlebars.js. University students can log in with their college credentials, and are able to post, edit, and view threads.

### Wiki Search Engine

Spring 2020

Pair-programmed a search engine in Scala that indexes and queries XML wiki files. The program reads user search words and produces the most relevant wiki files based on TF-IDF scores and the PageRank algorithm.

### E-commerce Web Scraper

Spring 2020

Created a web-scraper that automates product information retrieval using the BeautifulSoup package in Python. Given a serial number of the product, the program scrapes information from ecommerce websites in multiple countries.